

WHAT IS CLAIMED IS: (as amended)

1. A device for detecting the rotating speed of a fan motor, the device comprising a motor and a gear case fixed with said motor, a gear fixed around a shaft of said motor, 5 said gear engaging with one of plural gears contained in an interior space in said gear case, said plural gears in said gear case engaged with one another, with one of said gears therein connected to a rotating shaft of a said fan;

10 two permanent magnets embedded in one of said plural gears in said gear case and a magnetic inductive element fixed on a fundamental plate, said fundamental plate together with a base secured stably in said case body, said magnetic inductive element lying above, said two permanent magnets embedded in one gear of said plural gears in order to maintain 15 a fixed distance between said magnetic inductive element and said two permanent magnets, a hall effect element used as said magnetic inductive element and activated by a magnetic field of the N pole and S pole of said two permanent magnets to operate for detecting the rotating speed of the motor.

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IN THE CLAIMS

Please canceled the claim 2.

Claim 1, line 8, delete "3"; before "fan", insert -- said --; delete "and,".

Claim 1, line 9, delete "Characterized by a permanent magnet", and insert -- two permanent magnets --.

Claim 1, lines 12~13, delete "thus letting".

Claim 1, line 13, delete "not on,".

Claim 1, line 14, delete "gear", and insert -- two permanent magnets embedded in one gear of said plural gears --.

Claim 1, line 14, delete "them", and insert -- said magnetic inductive element and said two permanent magnets --.

Claim 1, line 15, delete "HALL IC"; and insert -- hall effect element --.

Claim 1, line 16, delete "said permanent magnet ; and insert – the N pole and S pole of said two permanent magnets --.